Ryan Keller

Full Stack Developer with background in security and DevOps.
Bootcamp alumnus; graduating B.S. in Informatics June 2019.

https://github.com/rckeller
https://rykeller.com
rykeller@uw.edu
Seattle, WA; Can Relocate

Professional Experience

Capital One
Software Engineering Intern, Full Stack   2018
- Led a team of 6 developers, providing 1:1 mentorship, developing application architecture and establishing team best-practices.
- Created several company-wide UI component libraries for data visualization, client-side state management, and application hardening.
- Developed full stack security applications used to define and enforce security policies, profile attack vectors, and automatically triage breaches.

Technologies: *Go, Node, React, Webpack, Rollup, MongoDB, AWS*

T-Mobile
Security Engineering Co-Op   2018
- Researched emerging solutions for security infrastructure automation, creating proofs-of-concept capable of scaling to support 14,000 nodes.
- Developed full stack applications and data ingestion systems for cyber threat intelligence, automating the collection of emerging threat data.

Technologies: *Software Defined Perimeter, Micro-Segmentation, Node, React*

DevOps Engineering Co-Op   2017 - 2018
- Automate continuous integration pipelines and provisioning of cloud "Infrastructure on Demand" using bash scripts, Puppet and Ansible.
- Developed Chrome browser extensions to add bespoke functionality to vendor web applications, including data visualization and API integrations.

Technologies: Puppet, Ansible, Ruby, Bash, JavaScript, Chrome browser API

University of Washington
Full Stack Developer   2017 - 2018
- Developed a bespoke IT project management web app used to select and grant $12 million in funding to over 100 campus projects annually.
- Redesigned the campus technology proposal process to improve efficiency, accessibility, financial auditing processes, and data integrity.

Technologies: Node, React, Redux, Webpack, MySQL, MongoDB, AWS

Network Specialist   2016 - 2017
- Developed automation systems for automatically provisioning, deploying, and managing network infrastructure using Python and Ansible playbooks.

Technologies: Python, Ansible, Bash, Network Design and Configuration

Starbucks
Service Desk Analyst   2015 - 2016
- Performed configuration and implementation of the Mobile Order & Pay System for over 13,000 stores internationally.

Technologies: SQL, Juniper Networking, Oracle AS400, Simphony PoS

Additional Experience

University of North Texas
Research Coordinator, Behavior Analysis   2015

Research Lab Manager, Traumatic Injury & Injustice   2013 – 2014

Education

University of Washington
Bachelor of Science in Informatics
Concentration in Cybersecurity
Informatics is the combined study of Human-Computer-Interaction, project management and computer science.
Anticipated Graduation: June 2019

FreeCodeCamp
Data Structures & Algorithms Cert.
Received August 2018

API Design and Microservices Cert.
Expected September 2018

Data Visualization Certificate
Expected September 2018

Code Fellows
Advanced Web Development
Completed January 2017

Skills

Front-End Development
JavaScript ES7, React, Redux, Vue, Mithril, Handlebars, EJS, Pug (Jade)

Data Visualization
D3.js and React-Vis / React D3, Victory, Recharts, amCharts, Leaflet

Back-End Development
Golang, Ruby, NodeJS, Express, Koa, Feathers, Restify, Adonis, Micro

Web Application Build Infrastructure
Babel, Webpack, Rollup, Gulp, SASS, LESS, CSS Modules, Code Splitting

Web Quality Assurance Testing
Mocha & Chai, Jest & Enzyme, Sinon

DevOps & Continuous Integration
Puppet, Ansible, Jenkins, Docker, ECS

Database Administration
MySQL, Postgres, MongoDB, Firestore, Redis, GraphQL & Apollo

IT Service Management
Project Management, Systems Design & Integration, Incident Management